

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claim 1 (currently amended) An oxygen fired power generation system comprising:

a water recycle line fluidly communicating with said first combustor;

a supply of fuel;

a supply of oxygen;

a first combustor adapted and configured to receive water from said water recycle line, fuel from said supply of fuel and oxygen from said supply oxygen, said first combustor further adapted and configured to operate at a first combustor pressure;

a first turbine adapted and configured to:

receive a combustion products from said first combustor,

generate power by expansion of said combustion products therethrough, and

and operate at a first turbine pressure;

a carbon dioxide recycle line;

a second combustor adapted and configured to receive a discharge gas from said first turbine, fuel from said supply of fuel, oxygen from said supply of oxygen, and carbon dioxide from said carbon dioxide recycle line, said second combustor further adapted and configured to operate at a second combustor pressure, said first combustor pressure being greater than that of said second combustor pressure; and

a second turbine adapted and configured to:

receive a drive gas from said second combustor,

generate power by expansion of said drive gas therethrough, and operate at a second turbine pressure lower than that of said first turbine pressure.

Claims 2-3 (cancelled)

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Amdt. dated September 27, 2006
Reply to Office Action of April 27, 2006

Claims 4-37 (cancelled)